

## A B S T R A C T

## A SYSTEM FOR FASTENING A VACUUM PUMP

5           The fastener system of the invention comprises a  
coaxial annular flange (14) having through holes (16)  
provided therein, each serving to pass a screw (17) for  
screwing into an associated tapped hole (16) in the wall  
(2) of a stationary structure. Each through hole (16)  
10 comprises a circularly cylindrical distal segment (16a)  
followed by an enlarged proximal segment (16b) adjacent  
to the wall (2) of the stationary structure, and allowing  
the shank (19) of the screw to bend and enabling a  
corresponding lateral offset (D). This prevents the  
15 screw (17) rupturing under high shear forces due to  
accidental destruction of a vacuum pump rotor while  
rotating at full speed.

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35 Translation of the title and the abstract as published by the PCT Authorities,  
possibly after making changes, ex officio, e.g. under PCT Rules 37.2, 38.2, and/or  
48.3.